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Main body of Moscow energy storage power station





Overview

How big is Russia's energy system?

Moscow's energy system is one of the largest and most far-reaching not only in Russia, but in the world. It includes 103,142 kilometres of power networks, 158 power centres and 20,093 transformer and distribution substations.

How much electricity does Moscow need a year?

It includes 103,142 kilometres of power networks, 158 power centres and 20,093 transformer and distribution substations. Each year Moscow needs over 43 billion kW/h of electricity: the city is growing, with new districts, schools and offices being constructed. All of them need electricity, which means new supply centres.

What is the most powerful substation in Moscow?

The Magistralnaya ranks among the most powerful substations in Moscow (700 MVA), opened in 2011. It is also one of the largest closed-type supply centres in Europe. It provides electricity to the central part of the city, including the Moscow City business centre, as well as more than 250 facilities in six other administrative areas.

What are some examples of power centres in Russia?

For example, the Belorusskaya power substation that was built last year and has a total capacity of 360 MVA is one of the main power centres in northern Moscow. More residential buildings, offices, companies and hospitals, including large ones, such as the Botkin and Filatov hospitals, now get more power.



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